

EDGE INDUSTRIAL & AGRI SOLUTIONS

FEATURES & BENEFITS

- Continuous remote monitoring and configurability
- Programmable alarms and alerts for fault conditions
- Onboard data logging for offline situations
- Rapid install and commissioning (via Bluetooth App)
- Retrofittable to many RS485/CAN/RS232 machines
- Simple to use and easy to install via Android and iOS mobile apps
- Affordable and reliable
- Reports local temperature, humidity, Cellular RSSI, and battery level
- External antenna option for bad coverage areas
- Exact GPS location (optional)
- Customisable operation for manufacturers, dealers and end users
- Service engineers mobile application
- Supports BLE beacon server for location and proximity services
- Supports communication to wired and wireless (BLE and LoRa) sensors
- Up to 5 year battery life (configuration dependent)

APPLICATIONS

- Energy Monitoring and Control (Demand Side Management)
- Machine and Plant Utilization Gateway
- Intelligent Renewables Monitoring (Wind/Solar)
- Waste Management
- Support Precision Farming
- Animal Health Sensor Gateway
- High Value Asset Condition Monitoring
- Cold Chain Monitoring & Control
- Building Management Systems
- Electrical Power Monitoring & Control
- Generic Sensor Network Hub for Smart Cities, Smart Agtec



SPECIFICATION

| | | |
|-----------------|-----------------------|---|
| System | Firmware/OS | RTOS + Applications Libraries (Real Time Performance) |
| | Security | Cloud Mutual authentication Hardware root of trust Secure key storage |
| | Radios | Cellular Modems |
| | Cellular Antenna | Integrated PCB Antenna Options External Antenna Options |
| | GNSS | GPS/GLONASS/GALILEO/BEIDOU (use external antenna) |
| | Bluetooth | BLE 4.1 |
| Physical | Operating Temperature | -20°C to +80°C |
| | Enclosure | DIN Rail enclosure |
| Power | Voltage | 6V - 24V |
| | Current | 2A - 3A |



4G CAT 1
3G / 2G
NB-IOT
LTE CATM



GPS
GLONASS
GALILEO
BEIDOU



BLE4.2
BEACONS
ANDROID
IOS

